

REMARKS

Claims 1-20 are pending in the application. Claims 1, 8 and 13 have been amended to correct typographical errors. Claims 16-20 have been added. The amendments are not intended to change the scope or the meaning of the claims. Support for the new claims can be found throughout the specification including, for example, the Title of the application (*e.g.*, "encapsulated") and in the original claims.

Claim Objections

Claim 1 stands objected to because of the term "electricity." Applicant has amended claim 1 to change the terms "electric" to "electrical" and "electricity" to "electrically." This amendment simply fixes typographical errors and is not intended to change the scope or meaning of the claim.

Claim 2 stands objected to under 37 CFR §1.75(c) as being of improper dependent form for failing to limit the subject matter of a previous claim. Applicant respectfully disagrees with the Examiner that claim 2 fails to limit claim 1. Claim 1 requires the electrically insulating permanent cover to be translucent. Claim 2 requires the cover to be transparent. Translucent items are capable of transmitting light but may cause sufficient diffusion to prevent perception of distinct images. Transparent items are capable of transmitting light so that the objects or images can be seen as if there were no intervening material. The American Heritage Dictionary of the English Language (4th Ed. 2000). By definition, transparent items are a subset of translucent items but the reverse is not true. As a result, claim 2 further limits claim 1 by requiring transparency of the cover. Accordingly, Applicant respectfully requests that the objection to claim 2 be withdrawn.

Claim Rejections Under 35 U.S.C. §102(b)

Claims 1, 2, 4, and 7-15 stand rejected under 35 U.S.C. §102(b) as being anticipated by Kaiser *et al.* (U.S. Patent No. 5,936,842). Applicants respectfully disagree with the rejection since Kaiser *et al.* fails to teach each and every element of independent claims 1 and 15. Kaiser *et al.* is directed to a garage door opener that includes a transformer and a translucent cover. In Kaiser *et al.*, the purpose of the translucent cover is to allow illumination of the garage area from a lighting element that is placed behind the translucent cover. Kaiser *et al.* does not teach that the cover transmits heat generated by the transformer as in the presently claimed invention. In Kaiser *et al.* the transformer is a portion of the control system for the latching and unlatching mechanism for the garage door. This mechanism is not associated with the translucent cover. Thus, Kaiser *et al.* fails to teach each and every element of the independent claims. Accordingly, Applicant respectfully requests that the rejection under 35 U.S.C. §102(b) based on Kaiser, *et al.* be withdrawn.

Claims 1-10 and 13-15 stand rejected under 35 U.S.C §102(b) as being anticipated by Noone *et al.* (U.S. Patent No. 4,791,290). Noone *et al.* describes a photo-electric control unit for street lights. The unit provides for the dissipation of heat generated by the street lamp. Noone *et al.* does not teach that the chamber walls (*i.e.*, the cover) are electrically insulating, nor that the unit is designed to dissipate the heat generated by a transformer. While the photo-electric control unit also comprises a printed circuit board that is covered with a translucent material, the purpose of this cover to transmit light to a photo-electric sensor, not to dissipate heat from a transformer. Accordingly, since Noone *et al.* fails to teach each and every element of the independent claims, Applicant respectfully requests that the rejection under 35 U.S.C.

§102(b) based on Noone *et al.*, be withdrawn.

CONCLUSION

Applicant respectfully submits that, in view of the above Amendment and Remarks, the present application is now in condition for allowance and solicits action to that end.

If there are any additional matters that may be resolved through a telephone interview, the Examiner is encouraged to contact Applicant's undersigned representative.

Respectfully submitted,

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